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DATE: Friday, June 02, 2006

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L16	haeggstrom\$.jesper\$.in. OR nordlund\$.par\$.in. OR thunissen\$.marjolein\$.in. OR thunissen\$.marjolein\$.in.	0
<input type="checkbox"/>	L14	L11 AND @py<=2002	40
<input type="checkbox"/>	L11	L10 AND 14	188
<input type="checkbox"/>	L10	L3 AND L1	188
<input type="checkbox"/>	L9	L4 AND L1	242
<input type="checkbox"/>	L8	L7 AND L1	46
<input type="checkbox"/>	L7	(MOLECULAR ADJ MODEL\$) or (RATIONAL ADJ DRUG ADJ DESIGN) or (STRUCTURE ADJ BASED ADJ DESIGN) or (COMBINATORIAL ADJ CHEMISTRY) or (QSAR) or (Structure ADJ Activity ADJ Relationship) or (SAR)	60220
<input type="checkbox"/>	L4	(INHIBITOR\$ OR MODULATOR\$ OR AGENT\$ OR agonist\$ OR antagonist\$ OR treatment\$)	3980781
<input type="checkbox"/>	L3	(CRYSTAL\$ OR MODEL\$ OR STRUCTUR\$ OR DIMENSIONAL OR COORDINAT\$ OR XRAY OR X-RAY)	7323178
<input type="checkbox"/>	L2	(CRYSTAL\$ OR MODEL\$ OR STRUCTUR\$ OR DIMENSIONAL OR COORDINAT\$)	7228508
<input type="checkbox"/>	L1	((leukotriene ADJ A4 ADJ hydrolase) OR (LTA4 ADJ hydrolase) OR (LTA4H))	247

END OF SEARCH HISTORY

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**1: leukotriene A4 hydrolase [Substance Name]**[Links](#)

catalyzes hydrolysis of leukotriene A4 to leukotriene B4; MW 68,000-70,000

Date introduced: November 28, 1984

Registry Number: EC 3.3.2.-

Heading Mapped to:

- [Epoxide Hydrolases](#)

Entry Terms:

- leukotriene A4 aminopeptidase

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May 30 2006 06:41:35

***ProQuest: Dissertation Database- Search Summary 09/914451***

1. (leukotriene A hydrolase) OR      Set Up Alert ☒      25 results as of June 2, 2006  
(LTA hydrolase)  
Database: ProQuest  
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Text  
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Publication type: All publication  
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**Inhibition and mechanistic studies of leukotriene A(4) hydrolase, fatty acid amide hydrolase, and HIV and FIV proteases and the programmed one-pot synthesis of oligosaccharides**

*Ollmann, Ian Russell. Proquest Dissertations And Theses* 1998. Section 1179, Part 0490 317 pages; [Ph.D. dissertation]. United States -- California: The Scripps Research Institute; 1998. Publication Number: AAT 9906047.

**Inhibition and mechanistic studies of leukotriene A(4) hydrolase**

*Hogg, Joan Heather. Proquest Dissertations And Theses* 1997. Section 1179, Part 0490 320 pages; [Ph.D. dissertation]. United States -- California: The Scripps Research Institute; 1997. Publication Number: AAT 9807261.

**Molecular and biochemical characterization of leukotriene A(4) hydrolase**

*Mancini, Joseph Anthony Lucien. Proquest Dissertations And Theses* 1997. Section 0781, Part 0487 137 pages; [Ph.D. dissertation]. Canada: McGill University (Canada); 1997. Publication Number: AAT NQ37003.

*STN Search Summary 09/914451*

=> D HIS

(FILE 'HOME' ENTERED AT 10:44:14 ON 02 JUN 2006)

FILE 'REGISTRY' ENTERED AT 10:45:36 ON 02 JUN 2006

E LEUKOTRIENE A4 HYDROLASE/CN

L1 5 S E3 OR E4 OR E5 OR E6 OR E7

L2 1 S E.C. 3.3.2.6/CN

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED  
AT

10:48:38 ON 02 JUN 2006

L3 759 S L1 OR L2

L4 647 S (LTA4 HYDROLASE) OR (LTA4H)

L5 1066 S L3 OR L4

L6 470 S L5 AND (CRYSTAL? OR MODEL? OR STRUCTUR? OR  
DIMENSIONAL OR CO

L7 470 S L5 AND (CRYSTAL? OR MODEL? OR STRUCTUR? OR  
DIMENSIONAL OR CO

L8 318 DUP REM L7 (152 DUPLICATES REMOVED)

L9 149 S L8 AND (INHIBITOR? OR MODULATOR? OR AGENT? OR  
AGONIST? OR A

L10 343068 S (MOLECULAR MODEL?) OR (RATIONAL DRUG DESIGN) OR  
(DIRECT STRUC

L11 31 S L10 AND L6

L12 23 DUP REM L11 (8 DUPLICATES REMOVED)

L13 23 SORT L12 PY A

• <u>39</u> Search #38 AND #29	10:42:28	<u>89</u>
<u>#38</u> Search ("Quantitative Structure-Activity Relationship"[MeSH] OR "Structure-Activity Relationship"[MeSH] OR "Molecular Structure"[MeSH])	10:33:54	<u>864787</u>
<u>#35</u> Search #29 AND #34	10:33:25	<u>8</u>
<u>#34</u> Search "Crystallography"[MeSH]	10:18:52	<u>52254</u>
<u>#33</u> Search "Crystallography"[MeSH] Field: EC/RN Number	10:18:46	<u>52254</u>
<u>#29</u> Search "leukotriene A4 hydrolase"[Substance Name] Field: EC/RN Number	10:17:26	<u>232</u>
<u>#26</u> Search 3.3.2 Field: EC/RN Number	10:16:13	<u>309</u>
<u>#25</u> Search ec 3.3.2.6 Field: EC/RN Number	10:15:55	<u>0</u>
<u>#24</u> Search 3.3.2.6 Field: EC/RN Number	10:15:17	<u>0</u>
<u>#22</u> Search #13 AND #9	10:03:31	<u>603</u>
<u>#19</u> Search #18 AND #9	10:02:09	<u>96</u>
<u>#18</u> Search "X-Ray Diffraction"[MAJR]	09:59:04	<u>2459</u>
<u>#13</u> Search "Protein Folding"[MAJR]	09:58:02	<u>6650</u>
<u>#9</u> Search "Membrane Proteins"[MAJR]	09:57:08	<u>563372</u>
<u>#5</u> Search thunnissen m[au]	09:53:38	<u>24</u>
<u>#4</u> Search thunissen m[au]	09:49:42	<u>0</u>
<u>#2</u> Search nordlund p[au]	09:48:45	<u>71</u>
<u>#1</u> Search haeggstrom j[au]	09:45:03	<u>100</u>